DOOSAN	Document Transmittal Upper Trishuli-1 HEP (216MW)	Date 2022-08-14	DT No.: UT1-HEP-DHI-PC-D-0059	SHEET 1 OF 1
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SUBJECT	Submission of Review Note RN-0218, RN-0219 and RN-0220			

S. N.	REVIEW NOTE NO.	REVIEW STATUS	DWG. / DOC. NO.	REV.	DWG. TITLE / DOC. DESCRIPTION	REMARK
1	RN-0218	A	UT1-C-010-CVL-DG-42008	0D	Outline of Diversion Tunnel Intake Tower	1 SHEET
2	RN-0219	FI	UT1-C-010-CVL-DC-42005	0D	Structural Calculation of Diversion Tunnel Lining - Appendix - 1 Backup Plan in Case of Failure of Diversion Tunnel	1 SHEET
3	RN-0220	A	UT1-C-090-CVL-DG-64001	0D	Layout Drawing of Access Tunnel to the Powerhouse	1 SHEET
4						
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Date :

Legend of Review Status
A : APPROVED
AN : APPROVED AS NOTED
RR : RETURN FOR RESUBMISSION
FI : FOR INFORMATION

DHI STAMP

Doosan Enerbility Co., Ltd. DOOSAN Enerbility Branch Office Nepal

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Discipline : Civil

UPPER TRISHULI-1 HEP (216MW)

Client	**Nepal Water and Energy Development Company Private Limited**
Owner's Engineer	**Joint Venture of Tractebel Engineering GmbH & Jade Consult**

REVIEW NOTE

Contractor	**Doosan Enerbility**		
Title of the Document	Struc. Calc. of Diversion Tunnel Lining - Appendix-1 Backup Plan in Case of Failure of Diversion Tunnel		
Document/Drawing No.	UT1-C-010-CVL-DC-42005_0D_App1	Revision	N/A
Date of Documents/Drawings	02.08.2022	Received Date	02.08.2022
Transmittal Form No.	UT1-HEP-DHI-D-0331		
Previous Review Date/Status	N/A	Prev. Review Note No.	N/A
Review Note No.	**RN-0219**	**Present Review Date**	**13.08.2022**
		Present Review Status	**FI**

A: Approved AN: Approved as Noted RR: Returned for Resubmission FI: For Information, only

Comments

1. OE´s comments to the corresponding structural analysis of the Diversion Tunnel Lining doc. ref.: *UT1-C-010-CVL-DC-42005_0D* have been submitted with letter *OE-TJ-UT1-OUT Site-DHI 309_RN-0213,* dated 10.08.2022.
2. The document under this revision is considered as "For Information", only.
3. The letters
   - *OE-TJ-UT1-OUT Site-DHI 263_ Monsoon Season Work Plan,* dated 18 July 2022
   - *OE-TJ-UT1-OUT Site-DHI 292_Insufficient Early Warning System,* dated 30 July 2022

   shall be considered.
4. Chapter 4, *Measures to prevent the blockage of diversion tunnel:*
   - How and where will the "*simple trash rack*" (MB200 "I" steel, clearance 1.0mx1.0m) be installed?
   - The "*simple trash rack*" may be damaged after flood period and might need maintenance.
   - It must be avoided that damaged parts of the "*simple trash rack*" will enter the diversion tunnel.
   - The "*simple trash rack*" will reduce the discharge capacity of the Diversion Tunnel, which shall be considered.

DISCLAIMER

Any approval will not release the Contractor from any of his obligations under the Contract. Despite the Engineer's approval the Contractor remains fully responsible for design, calculation, dimensioning, supply and installation without limitations.

Sebastian Beck, Chief Design Engineer